

PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q77312

Hiroshi TANABE, et al.

Divisional of Appln. No. 08/866,331
Filed: May 30, 1997
Confirmation No. 9640

Group Art Unit: 2822
Examiner: Mary A. WILCZEWSKI

Appln. No.: Unassigned
Filed: October 1, 2003

Group Art Unit: Unassigned

For: SEMICONDUCTOR MANUFACTURING APPARATUS AND MANUFACTURING
METHOD OF THIN FILM SEMICONDUCTOR DEVICE

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

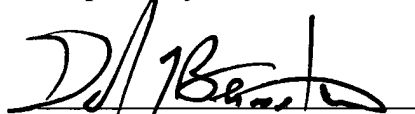
In accordance with the duty of disclosure under 37 CFR §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form which are all the references of record in parent application No. 08/866,331. Applicant is not submitting duplicate copies of these references but requests that they be listed on the face of any patent granted on the above application. (See 37 CFR §1.98(d)). Copies of any cited copending applications, if not previously submitted, are being submitted herewith.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not

INFORMATION DISCLOSURE STATEMENT
Divisional of Application No. 08/866,331

waive any right to take any action that would be appropriate to antedate or otherwise remove any
listed document as a competent reference against the claims of the present application.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "H. Bernstein", written over a horizontal line.

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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: October 1, 2003

Substitute for Form 1449 A & B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	Divisional of 08/866,331
				Confirmation Number	Not yet assigned
				Filing Date	October 1, 2003
				First Named Inventor	Hiroshi TANABE
				Art Unit	2822 (Parent)
				Examiner Name	Not yet assigned
Sheet	1	of	2	Attorney Docket Number	Q77312

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 5,578,520	A	11-26-1996	Zhang et al.
		US 5,043,299		08-27-1991	Chang et al.
		US 4,529,617		07-16-1985	Chenevas-Paule et el.
		US 5,304,357	A	04-19-1994	Sato et al.
		US 5,472,507	A	12-05-1995	Yamaguchi et al.
		US 5,529,630	A	06-25-1996	Imahashi et al.
		US 5,413,958	A	05-09-1995	Imahashi et al.
		US 4,670,063		06-02-1987	Schachmeyer et al.
		US 5,372,836	A	12-13-1994	Imahashi et al.
		US 5,322,589	A	06-21-1994	Matsuoka et al.
		US 5,296,405	A	03-22-1994	Yamazaki et al.
		US 5,194,398	A	03-16-1993	Miyachi et al.
		US 5,420,044	A	05-30-1995	Kozuka
		US 5,380,682	A	01-10-1995	Edwards et al.
		US 5,294,572	A	03-15-1994	Granneman et al.
		US 4,800,174		01-24-1989	Ishihara et al.
		US 4,505,950		03-19-1985	Yamazaki
		US 5,591,668	A	01-07-1997	Maegawa et al.

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

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¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

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		Number	Kind Code ² <i>(if known)</i>		
		US 6,261,877	B1	07-17-2001	Yamazaki et al.
		US 6,124,154	A	09-26-2000	Miyasaka

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ <i>(if known)</i>			
		JP	5-211167	A	08-20-1993		
		JP	2-81424	A	03-22-1990		
		JP	62-51147	A	03-05-1987		
		JP	56-51147	A	05-08-1981		
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		JP	63-147313	A	06-20-1988		
		JP	58-201326	A	11-24-1983		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		M. SEKIYA ET AL., "High Performance Poly-Crystalline Silicon Thin Film Transistors Fabricated ... Vapor Deposition of SiO ₂ ", IEEE Electron Device Letters, Vol. 15, No. 2, February 1994, pp. 69-71	

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